

AMENDMENTS TO THE CLAIMS

1-7 (Canceled)

8. (New) A portable telephone apparatus with a battery alarm function, comprising:

a rechargeable battery apparatus;

a plurality of additional function means requiring operation voltages individually different from each other and different from that for an ordinary talking function;

battery supervision means for supervising a voltage of said battery apparatus; and

alarm means for performing an alarming operation in accordance with the supervised voltage by said battery supervision means;

said battery supervision means having a lowest operation voltage level, with which the talking function of said portable telephone apparatus can operate in the minimum, set therein for the supervised voltage of said battery apparatus;

said battery supervision means further having a plurality of additional function voltage levels, which are different among the different additional function means and higher than the lowest operation voltage level, set therein for the supervised voltage of the battery apparatus;

said battery supervision means causing, when the voltage of said battery apparatus detected thereby is equal to the lowest operation voltage level, said alarm means to perform a normal alarming operation of issuing a notification of a voltage drop of said battery apparatus whereas said battery supervision means causes, when

the voltage of said battery apparatus detected thereby is equal to one of the additional function voltage levels, said alarm means to perform an alarming operation prescribed for the additional function means corresponding to the additional function voltage level.